Business Technology
Programming Applications
Object Oriented COBOL
Course Code # 3753
1 Credit

School Year _____

Term:____Fall____Spring

Student:	Grade:
Teacher:	School:
Number of Competencies in Course: **23**	
Number of Competencies Mastered:	
Percent of Competencies Mastered:	

Prerequisites: Keyboarding and Programming in BASIC or C++

Note 1: A paid, credit-generating work-based learning component is recommended for advanced students.

Standard 1.0 The students will demonstrate the ability to browse an Object Oriented COBOL project and determine its purpose.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
1.1	Review the history of computers and programming languages.		
1.2	Review the stages of program development.		
1.3	Review the source code of an Object Oriented COBOL project.		
1.4	Examine the structure of Object Oriented COBOL source code.		
1.5	Interpret procedures used in developing and executing Object Oriented COBOL source code.		
1.6	Analyze the execution of the source code to determine its purpose.		

Standard 2.0 The student will demonstrate the ability to code a simple project to display text.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
2.1	Identify the divisions within an Object Oriented COBOL project.		
2.2	Contrast the various data types.		
2.3	Open a new Object Oriented COBOL project.		
2.4	Plan, code and execute an Object Oriented COBOL project.		
2.5	Debug and edit an Object Oriented COBOL project.		

Standard 3.0 The student will open an existing data file and devise a solution to a problem using arithmetic statements.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
3.1	Differentiate the various types of file structures.		
3.2	Enter the Object Oriented COBOL code to open a file.		
3.3	Analyze a problem and formulate an algorithm to solve the problem.		
3.4	Code the algorithm.		

Standard 4.0 The student will create an indexed file and use the IF and MOVE verbs appropriately.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
4.1	Develop an algorithm for setting conditions to solve a complex problem using the IF and MOVE verbs.		

Standard 5.0 The student will demonstrate the ability to use the Report Writer Feature and Declaratives.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
5.1	Examine a sample Object Oriented COBOL project using the Report Writer Feature and Declaratives.		
5.2	Evaluate the effectiveness of the Report Writer Feature and Declaratives.		
5.3	Use the Report Writer Feature and Declaratives to produce a report.		

Additional comments: _____